NT BOOK

mensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

First & Final Bill

SBRAO-38/15-16

A:30-4-15

BR-67/16-5-11

M. A. R. 57 (Rule 116)
Measurement Book
No. B

251459

Serial No. .....

Name of Work Providing covering slab at Byrappa gooden in ward No-10. (Doddabommasandra)

Name of Contractor of nature of Agency K.R.I.D.L.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code NO;- 010-15-000090.						
	Agreement NO;- 362/14-15 Dt 24/03/2015.						
	Work order NO;- EE/BTP/KRIDL/W.O/362/2014-15, Date 24/03/2015.						
	Address of Agency;- #119, 14th Cross Road 3rd floor Poorva Park Road, Malleshwaram Bangalore-560003.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in ordinary soil inwowing an average horizontal throw upto 2meters and an average lift upto 0.5mt, excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods etc complete as per specifications.						
	Drain Desilting						
		L	18.50	0.60	0.45 =	5.00 Cum	
		L	30.00	0.60	0.50 =	9.00 Cum	
		L	30.00	0.60	0.55 =	9.90 Cum	
		L	30.00	0.60	0.65 =	11.70 Cum	
		L	2.40	0.60	0.50 =	0.72 Cum	
		L	22.20	0.60	0.65 =	8.66 Cum	
		L	21.00	0.60	0.60 =	7.56 Cum	
	New Drain	L	30.00	1.00	0.90 =	27.00 Cum	
		L	30.00	1.00	0.90 =	27.00 Cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	2) Providing and removing of form work for vertical attached Pilasters buttress Existing Drain Bottom

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
			in ordinary soil including and an average and sides neatly dressed ter breaking off clods etc
	0.45 =	5.00 Cum	
	0.50 =	9.00 Cum	
	0.55 =	9.90 Cum	
	0.65 =	11.70 Cum	
	0.50 =	0.72 Cum	
	0.65 =	8.66 Cum	
	0.60 =	7.56 Cum	
	0.80 =	27.00 Cum	
	0.90 =	27.00 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

251460

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	12.00	1.00	0.90 =	10.80 Cum	
					Total =	117.33 Cum	
		Qty limited to Tender			=	115.50 Cum	
		@ RS 75.60				RS 8732.00	
27	Providing and removing centering, Shuttering, Strutting propping etc, and removal of form work for vertical Surface Such as walls at any thickness, including attached Pilasters buttresses, plinth and String courses cost of all materials						
	Existing Drain Bottom	1	18.50	0.90	=	16.65 Sqm	
		1	30.00	0.90	=	27.00 Sqm	
		1	30.00	0.90	=	27.00 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.90	=	27.00 Sqm	
		1	2.40	0.90	=	2.16 Sqm	
		1	22.20	0.90	=	19.98 Sqm	
		1	21.00	0.90	=	18.90 Sqm	
	For New Drain Side wall						
		4	30.00		0.75 =	90.00 Sqm	
		4	30.00		0.75 =	90.00 Sqm	
	covering Slab	1	30.00	0.60	=	18.00 Sqm	
		1	30.00	0.60	=	18.00 Sqm	
		1	30.00		0.20 =	6.00 Sqm	
		1	30.00		0.20 =	6.00 Sqm	
		1	22.20		0.15 =	3.33 Sqm	
		2	21.00		0.15 =	6.30 Sqm	
					Total =	376.37 Sqm	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	3) Providing and laying M20 with OPC cement coarse aggregate @ 0 in layers not exceedi and retaining walls, abutments including New Drain Bottom

OK

Depth 6	Contents 7	Reference to last Measurement 8
=	27.00 Sqm	
=	2.16 Sqm	
=	19.98 Sqm	
=	18.90 Sqm	
s =	90.00 Sqm	
s =	90.00 Sqm	
=	18.00 Sqm	
=	18.00 Sqm	
=	6.00 Sqm	
=	6.00 Sqm	
=	3.33 Sqm	
=	6.30 Sqm	
l =	376.32 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251461

Serial No. ..... From ..... To .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty limited to Tender @ Rs 292.68					= 375.81 Sqm Rs 109992.00	
	3) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs/cum and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates, machine mixed concrete laid in layers not exceeding 150mm thick, vibrated for all works in foundation plinth and retaining walls, return walls, including attached pilasters, columns, Piers abutments including cost of all materials.						
	New Drain Bottom	1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
C&FC		1	12.00	1.00	0.15 =	1.80 Cum	
Ry 16/5	Side walls	2	30.00	0.15	0.65 =	5.85 Cum	
		2	30.00	0.15	0.65 =	5.85 Cum	
		2	12.00	0.15	0.60 =	2.16 Cum	
	Covering slab	1	30.00	0.90	0.10 =	2.70 Cum	
		1	30.00	0.90	0.10 =	2.70 Cum	
	Existing Drain Raising	1	12.00	0.90	0.10 =	1.08 Cum	
		2	18.50	0.15	0.30 =	1.67 Cum	
		2	30.00	0.15	0.25 =	2.25 Cum	
C&F		2	30.00	0.15	0.30 =	2.70 Cum	
Rly		2	30.00	0.15	0.30 =	2.70 Cum	
		2	2.40	0.15	0.30 =	0.25 Cum	
		2	22.20	0.15	0.35 =	2.33 Cum	
	Covering slab	2	21.00	0.15	0.40 =	2.52 Cum	
		1	18.50	1.00	0.10 =	1.85 Cum	
		1	30.00	1.10	0.10 =	3.30 Cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	C&F
	Rly
	5) Providing TMT St
	cutting, bending,
	wherever requir

OOK

Depth 6	Contents 7	Reference to last Measurement 8
0.15 =	1.80 cum	
0.65 =	5.85 cum	
0.65 =	5.85 cum	
0.60 =	2.16 cum	
.10 =	2.70 cum	
.10 =	2.70 cum	
.10 =	1.08 cum	
.30 =	1.67 cum	
.25 =	2.25 cum	
.30 =	2.70 cum	
.30 =	2.70 cum	
30 =	0.25 cum	
35 =	2.33 cum	
40 =	2.52 cum	
10 =	1.85 cum	
10 =	3.30 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251462

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	1.30	0.10 =	3.90 cum	
		1	30.00	1.30	0.12 =	4.68 cum	
		1	2.40	1.30	0.10 =	0.31 cum	
		1	22.20	0.95	0.10 =	2.11 cum	
		1	21.00	0.90	0.10 =	1.89 cum	
					Total =	63.68 cum	
					Qty limited to Tender =	63.46 cum	
					@ Rs 6065.28	Rs 384903.00	

5) Providing TMT Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wore and anchoring to the adjoining members wherever necessary complete as per design.						
	Qty vide Page No-25 1484-25 1485 of this MB No-2515					= 47.60 Rft	
	@ Rs 7975.00					Rs 379610.00	
5)	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per specifications						
	Qty vide Item No-01					= 115.50 Cum	
	@ Rs 73.57					Rs 8497.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ...

Date	Full description, etc, of
1	2
6)	Add 11 f. for
7)	Add 1 f. for

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
members wherever necessary			
25 1485		= 47.60 Rft	
75.00			RS 379610.00
payable at carriage rates			
ng and unloading etc complete			
		= 115.50 Cwt	
			RS 8497.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 251463

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

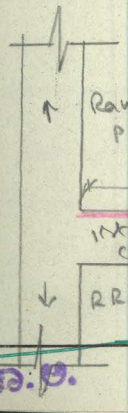
Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
6)	Add 11 % for K.R.I.D.L charges					RS 38091.00	
7)	Add 4% for third Party Inspection charges					RS 8917.00	
						Total RS 998742.00	
	c&fe Kurnool 30/4 K.D.C.C.					Jadhav 989867.00	
						AE 30/4/2015.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate :- certified that the above work done satisfactory and no-materials issued from departmentally Jadhav AE 30/4/2015. Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Sketch Showin Jadhav AE



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Depth 6	Contents 7	Reference to last Measurement 8
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Executive Engineer
yapura Sub Division
P, Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251464

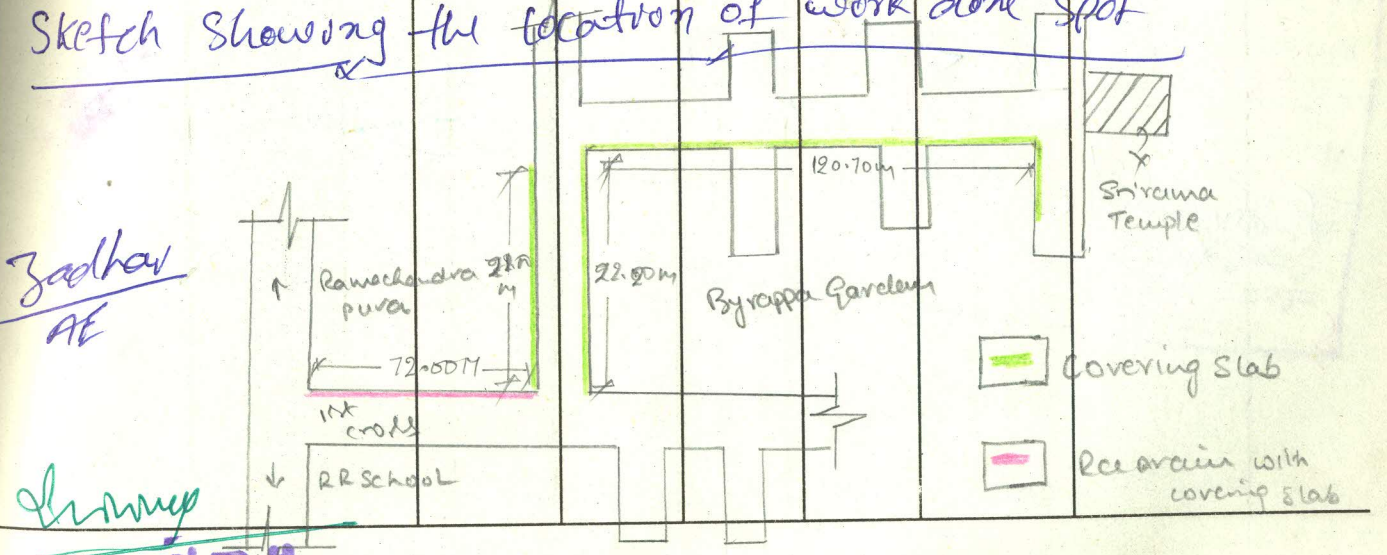
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Sketch Showing the location of work done Spot						



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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions					Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8
	98867=00 131303=00 85856U=00						

First & Final Bill

SBR NO -39/C

R! 30-H

Serial No. .....

Name of Work Improvements o... approve Apart...

Name of Contractor of nature of Agen...

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Work Code NO;-
	Agreement NO;-
	Work order NO;-
	Address of Agency